

**COMPLETE LISTING OF ALL CLAIMS WITH MARKINGS AND STATUS IDENTIFIERS**

(Currently amended claims showing deletions by ~~striketrough~~ and additions by underlining)

Claims 1-5 (canceled)

Claim 6 (currently amended): An injection device for injecting liquid or semi-solid composition into a subject, the device comprising:

a hollow housing having a proximal and distal end, said distal end being configured to contain a liquid ~~or~~ and a semi-solid dry drug composition wherein said liquid and said dry drug composition are combined in said housing prior to injection;

a hollow needle, said needle affixed to the distal end of the housing and extending longitudinally within said housing;

a plunger comprising a proximal end and a distal end, said plunger arranged to slide within the proximal end of the housing;

a hollow sleeve slidably connected to the distal end of the housing and arranged to cover the needle prior to injection and to retract into the housing during injection; and

a removable cap which covers the sleeve;

wherein the device is designed such that when the sleeve is pressed against the subject, the sleeve retracts into the housing thereby allowing the needle to penetrate into the subject, and when the plunger is pushed into the housing, the composition is pushed from the housing through the needle and into the subject.

Claim 7 (previously presented): A device of claim 6, wherein the proximal end of the housing comprises a flange.

Claim 8 (previously presented): A device of claim 6, wherein the proximal end of the plunger comprises a flange.

Claim 9 (withdrawn): An injection device for injecting liquid or semi-solid composition into a subject, the device comprising:

a hollow housing having a proximal end and a distal end;

a cartridge or tube, said cartridge or tube comprising a distal end and a proximal end, said distal end closed by a septum cap and said proximal end closed by a plunger tip slidably arranged within the cartridge or tube; and a reservoir between said septum cap and said plunger tip;

a hollow needle having a proximal end and a distal end, said needle affixed to the distal end of the housing and said proximal end of said needle extending longitudinally within said housing;

a sleeve slidably connected to the distal end of the housing and arranged to cover the needle prior to injection and to retract into the housing during injection;

wherein the device is configured such that when said cartridge or tube is inserted into said housing said septum cap forms an operable connection with said proximal end of said hollow needle, whereby when the plunger tip is urged into the cartridge or tube, the composition is urged from the cartridge or tube, through the

needle and into the subject.

Claim 10 (withdrawn): A device of claim 9, wherein the device is further configured such that when the composition is urged from the cartridge, the cartridge urges the sleeve to extend from the housing to cover the needle during and after the injection.

Claim 11 (withdrawn): A device of claim 9, wherein the cartridge contains the liquid or semi-solid composition between the septum cap and the septum plunger.

Claim 12 (withdrawn): A device of claim 9, wherein the device further comprises a releasable lock to inhibit the movement of the cartridge within the housing.

Claim 13 (withdrawn): A device of claim 9 wherein said cartridge or tube further comprising a proximal compartment, a distal compartment, and a bypass, said proximal compartment and said distal compartment separated by a first septum plunger slidably arranged with the cartridge or tube.

Claim 14 (withdrawn): A device of claim 13 wherein said proximal compartment contains a liquid component of a composition and said distal compartment contains a solid component of said composition, and wherein the device is configured such that the liquid and solid components are mixed prior to injection.

Claim 15 (withdrawn): A device of claim 13 wherein said liquid component passes from said proximal compartment to said distal compartment through said bypass.

Claim 16 (withdrawn): A device of claim 13, wherein said distal chamber is maintained under vacuum.

Applicant : Cherif-Cheikh  
Serial No.: 09/832,273  
Filed : April 10, 2001  
Page : 5

Claim 17 (withdrawn): A device according to claim 9, wherein the distal end of the housing is an independent distal end connected to said housing prior to injection.

Claim 18 (withdrawn): A device of claim 17 wherein the independent distal end further comprises a spring, wherein said spring urges the sleeve of said distal end to cover the needle.

Claim 19 (withdrawn): An injection device for injecting a liquid or semi-solid composition into a subject, the device comprising:

a reservoir having a proximal end and a distal end, said distal end being configured to contain a liquid or semi-solid composition;

a hollow needle, said needle affixed to the distal end of the reservoir and extending longitudinally outside said reservoir;

a plunger arranged to slide within the proximal end of the reservoir; and

a plunger housing connected to said plunger, said plunger housing configured to cover said plunger, said reservoir and said needle after injection;

wherein the device is configured such that when the plunger housing is urged around the reservoir, the plunger is urged into the reservoir, and the composition is urged from the reservoir through the needle and into the subject.

Claim 20 (withdrawn): The device of claim 19 wherein said plunger housing is releasably connected to said plunger and wherein said plunger housing is configured to accept said the proximal end of said plunger.

Applicant : Cherif-Cheikh  
Serial No.: 09/832,273  
Filed : April 10, 2001  
Page : 6

Claim 21 (withdrawn): The device of claim 20 wherein said plunger housing is fixedly attached to said proximal end of said reservoir after covering said needle.

Claim 22 (previously presented): An injection device of claim 6, wherein the device is further configured such that when the composition is pushed out of the housing, the plunger moves the sleeve out of the housing to cover the needle.

Claim 23 (previously presented): A device of claim 6, wherein the housing contains the liquid or semi-solid composition.

Claim 24 (previously presented): A device of claim 23, wherein the housing contains the liquid or semi-solid composition.

Claim 25 (previously presented): A device of claim 6, wherein the device further comprises a releasable lock to inhibit the movement of the plunger into the housing.